

Maintenance of GeoExplorer Series Devices

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Battery and Power

Power options are explained well on Trimble Site. Click here: http://trl.trimble.com/docushare/dsweb/Get/Document-172247/MGIS_SprtFAQ_GeoExplorerSeries_BatteryPower.pdf

With frequent use, keep the Geo in the cradle. For longer term storage, you will want to charge the unit all the way up, and then turn it completely off by pushing and holding the power button for a full 20 seconds.

Note: If your unit is a 2003 series, you will want to run the Pocket Backup found in Programs on the unit, and make sure you have any important data backed up on your computer first.

Operating System and Firmware

You will want to regularly check for new updates to the operating system and firmware by going to www.trimble.com/support, and clicking on the device you have and then on Downloads. The Release Notes will describe the new enhancements and give detailed installation instructions.

Periodic Maintenance

Back up important files. Keep in mind that the GeoExplorers are computers and can crash. It is important to periodically back up any data from your handheld unit to your computer, or to an SD card if you have a 2005 series Geo, to prevent the loss of any important files on the unit.

Delete old rover files and background images that you do not need. This can be done through File Explorer on the device, but it may be easier to do this through ActiveSync. To do this, follow the steps below:

- 1) Connect the handheld to the computer through ActiveSync.
- 2) Open ActiveSync on the computer, and click Tools>Explore Device.
- 3) Browse to the folder where the data is stored and delete any unneeded files.

If you are running ArcPad, you will know where this data is being stored on the handheld. It is typically found in the My Documents folder, but you may have a different location configured.

If you are running TerraSync on a 2005 series Geo, the data files and background files will be stored in the My Documents\TerraSync folder.

If you are running TerraSync on a 2003 series Geo, the files will be stored in the Disk\My Documents\TerraSync folder.



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Remember that the raw files generated by the TerraSync software are **not** in SSF format. Each TerraSync data file comprises eight raw files that all have the same name, but have the following file extensions:

- .dd
- .gis
- .gix
- .obs
- .obx
- .gic
- .gip
- .giw

For example, R052914A.dd, R052914A.gis, R052914A.gix, R052914A.obs, R052914A.obx, R052914A.gic, R052914A.gip, R052914A.giw.

Your Data Dictionary files will have .ddf extensions, and remember that there are typically three files associated with any background files.

Warranties and Software Maintenance

Check the registration of your software and hardware at www.trimble.com/register. If you need to extend the maintenance of your software or the warranty on your hardware, contact your local dealer. *Warranties can only be extended for three years from the date of purchase, and they can only be extended if the current warranty is still active.*

Starting a New Field Season

To ensure you are ready, it is a good idea to test all your equipment and software at least two weeks before the start of the field season. If software or hardware needs to be updated or repaired, your dealer can help you take care of that before you get out in the field.